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PTO/SB/01 (12-97)

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Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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<b>DECLARATION FOR UTILITY OR DESIGN PATENT APPLICATION</b> (37 CFR 1.63)	<b>Attorney Docket Number</b>		SEA 9168	
	<b>First Named Inventor</b>		Jason Wayne Riddering	
	<i>COMPLETE IF KNOWN</i>			
	<b>Application Number</b>	Not Assigned		
	<b>Filing Date</b>	June 9, 2000		
	<b>Group Art Unit</b>	Not Assigned		
<input checked="" type="checkbox"/> Declaration Submitted with Initial Filing	OR	<input type="checkbox"/> Declaration Submitted after Initial Filing (surcharge (37 CFR 1.16 (e)) required)	<b>Examiner Name</b>	Not Assigned

As a below named inventor, I hereby declare that:

My residence, post office address, and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

"Dynamic Flying Attitude Control Using Augmented Gimbal"

the specification of which (Title of the Invention)

☒ is attached hereto  
OR

☐ was filed on (MM/DD/YYYY)  as United States Application Number or PCT International

Application Number  and was amended on (MM/DD/YYYY)  (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or 356(b) of any foreign application(s) for patent or inventor's certificate, or 356(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or of any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy Attached?	
				YES	NO
			<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>

☐ Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.

I hereby claim the benefit under 35 U.S.C. 119(e) of any United States provisional application(s) listed below.

Application Number(s)	Filing Date (MM/DD/YYYY)	<input type="checkbox"/> Additional provisional application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.
60,138,691	06/11/99	

[Page 1 of 2]

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## DECLARATION — Utility or Design Patent Application

I hereby claim the benefit under 35 U.S.C. 120 of any United States application(s), or 365(c) of any PCT international application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. 112, I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.

U.S. Parent Application or PCT Parent Number	Parent Filing Date (MM/DD/YYYY)	Parent Patent Number (if applicable)

☐ Additional U.S. or PCT international application numbers are listed on a supplemental priority data sheet PTO/SB/02C attached hereto.

As a named inventor, I hereby appoint the following registered practitioner(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

☐ Customer Number

OR

☒ Registered practitioner(s) name/registration number listed below

Place Customer Number Bar Code Label here

Name	Registration Number	Name	Registration Number
Edward P. Heller, III	29,075	Shawn P. Dempster	34,321
Raghunath S. Minisandram	38,683		
Jonathan Olson	41,231		

☐ Additional registered practitioner(s) named on supplemental Registered Practitioner Information sheet PTO/SB/02C attached hereto.

Direct all correspondence to: ☐ Customer Number or Bar Code Label ☒ Correspondence address below

Name	Edward P. Heller, III				
Address	Seagate Technology, Inc.				
Address	P.O. Box 66360, 920 Disc Drive				
City	Scotts Valley	State	CA	ZIP	95067-0360
Country	USA	Telephone	(831) 439-7297	Fax	(831) 438-1290

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Name of Sole or First Inventor: ☐ A petition has been filed for this unsigned inventor

Given Name (first and middle (if any))	Family Name or Surname
Jason Wayne	Riddering

Inventor's Signature	<i>Jason Heller</i>			Date	5/24/2000
Residence: City	Prior Lake	State	MN	Country	USA
Post Office Address	15188 Fairlawn Shores Tr. SE				
Post Office Address					
City	Prior Lake	State	MN	ZIP	55372
				Country	USA

☒ Additional inventors are being named on the 1 supplemental Additional Inventor(s) sheet(s) PTO/SB/02A attached hereto

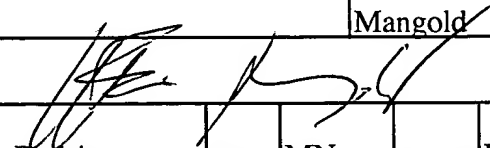
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## DECLARATION

ADDITIONAL INVENTOR(S)  
Supplemental Sheet  
Page 1 of 1

<b>Name of Additional Joint Inventor, if any:</b>				<input checked="" type="checkbox"/> A petition has been filed for this unsigned inventor			
Given Name (first and middle [if any])				Family Name or Surname			
Markus Erwin				Mangold			
Inventor's Signature				Date		5/23/44	
Residence: City		Eden Prairie		State		MN	
				Country		USA	
Post Office Address		8297 Stockbridge Circle					
Post Office Address							
City		Eden Prairie		State		MN	
				ZIP		55344	
				Country		USA	
<b>Name of Additional Joint Inventor, if any:</b>				<input type="checkbox"/> A petition has been filed for this unsigned inventor			
Given Name (first and middle [if any])				Family Name or Surname			
Zine-Eddine				Boutaghou			
Inventor's Signature				Date			
Residence: City		Vadnais Heights		State		MN	
				Country		USA	
Post Office Address		307 Lily Pond Lane					
Post Office Address							
City		Vadnais Heights		State		MN	
				ZIP		55127	
				Country		USA	
<b>Name of Additional Joint Inventor, if any:</b>				<input type="checkbox"/> A petition has been filed for this unsigned inventor			
Given Name (first and middle [if any])				Family Name or Surname			
Inventor's Signature				Date			
Residence: City				State			
				Country			
Post Office Address							
Post Office Address							
City				State			
				ZIP			
				Country			

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## DECLARATION

## ADDITIONAL INVENTOR(S) Supplemental Sheet

Page 1 of 1

<b>Name of Additional Joint Inventor, if any:</b>				<input checked="" type="checkbox"/> A petition has been filed for this unsigned inventor			
Given Name (first and middle [if any])				Family Name or Surname			
Markus Erwin				Mangold			
Inventor's Signature				Date			
Residence: City	Eden Prairie	State	MN	Country	USA	Citizenship	German
Post Office Address		8297 Stockbridge Circle					
Post Office Address							
City	Eden Prairie	State	MN	ZIP	55344	Country	USA
<b>Name of Additional Joint Inventor, if any:</b>				<input type="checkbox"/> A petition has been filed for this unsigned inventor			
Given Name (first and middle [if any])				Family Name or Surname			
Zine-Eddine				Boutaghoul			
Inventor's Signature				Date		5/24/00	
Residence: City	Vadnais Heights	State	MN	Country	USA	Citizenship	USA
Post Office Address		307 Lily Pond Lane					
Post Office Address							
City	Vadnais Heights	State	MN	ZIP	55127	Country	USA
<b>Name of Additional Joint Inventor, if any:</b>				<input type="checkbox"/> A petition has been filed for this unsigned inventor			
Given Name (first and middle [if any])				Family Name or Surname			
Inventor's Signature				Date			
Residence: City		State		Country		Citizenship	
Post Office Address							
Post Office Address							
City		State		ZIP		Country	

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# POWER OF ATTORNEY

Attorney Docket No.  
**SEA 9168**

Inventor(s): Jason Wayne rRddering, Markus Erwin Mangold and Zine-Eddine Boutaghou

Title: "Dynamic Flying Attitude Control Using Augmented Gimbal"

In the patent application:

- ☒ attached hereto,  
☐ filed on \_\_\_\_\_ as application Serial No. \_\_\_\_\_

I appoint the following attorneys to prosecute the patent application identified above and to transact all business in the Patent and Trademark Office connected therewith:

Edward P. Heller, III	Reg. No. 29,075
Raghunath S. Minisandram	Reg. No. 38,683
Shawn B. Dempster	Reg. No. 34,321
Jonathan Olson	Reg. No. 41,231

I ratify all prior actions taken by Seagate Technology, Inc., or the attorneys and agents mentioned above in connection with the prosecution of the above-mentioned patent application.

I authorize Seagate Technology, Inc. to mark the appropriate space above and to insert the filing date and Serial No. of the application, as appropriate.

I authorize the U.S. attorneys named herein to accept and follow instructions from Edward P. Heller, III and any person of the Intellectual Property Department of Seagate Technology, Inc. as to any action to be taken in the Patent and Trademark Office regarding this application without direct communication between the U.S. attorney and the undersigned. In the event of a change in the persons from whom instructions may be taken, the U.S. attorneys named herein will be so notified by the undersigned.

Please address all correspondence and telephone calls to Edward P. Heller, III in care of:

SEAGATE TECHNOLOGY, INC.  
Intellectual Property Department  
920 Disc Drive, M/S 15-7  
Scotts Valley, California 95066  
Phone: (831) 439-7309 Fax: (831) 438-1290

The undersigned (whose title is supplied below) is empowered to sign this statement on behalf of the assignee.

Date: June 9, 2000

SEAGATE TECHNOLOGY, INC.

By: Edward P. Heller, III  
Edward P. Heller, III  
Patent Counsel

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